EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5748732".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/29 10:53
S2	1	FR-2779599-$.did.	DERWENT	ADJ	ON	2008/09/29 10:57
S3	1	"20060147042"	US-PGPUB; USPAT	ADJ	ON	2008/09/29 11:07
S4	126	biunique OR bi$1unique	US-PGPUB; USPAT	ADJ	ON	2008/09/29 15:05
S5	34	S4 and network	US-PGPUB; USPAT	ADJ	ON	2008/09/29 15:22
S6	18	("4484027" | "4633309" | "5461675" | "5509073" | "5563948"). PN. OR "5748732").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/29 16:18
S7	4	"5748732" NOT S6	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/29 17:12
S8	4	S4 and master and slave	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:36
S9	1	"10541693"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/30 09:26
S10	168	725/5,6.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 12:19
S11	715	725/25,27.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 12:20
S12	611	380/210,211.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 12:22
S13	413	380/227-230.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 12:23
S14	5746	725/86,87,100,104,131-135,139-142,151-153.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:05

S15	6232	726/2-7,10,16,20.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:06
S16	3431	380/10,20,21,255,259,260,277,279,280,282-285.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:07
S17	970	380/227-229,247-250,205.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:08
S18	1000	380/278,281.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:08
S19	1809	(S10 OR S11 OR S12 OR S13)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:10
S20	12453	("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD) and (S19 OR S14 OR S15 OR S16 OR S17 OR S18)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:19
S21	2361	S20 and (smart$1card OR "smart card" OR dongle OR IC $1card OR "IC card")	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:19
S22	57	("3996450" | "4325078" | "4450535" | "4594663" | "4613901" | "4709136" | "4718107" | "4751732" | "4768229" | "4870261" | "4908834" | "4993066" | "5010571" | "5060079" | "5065429" | "5111504" | "5214699" | "5243175" | "5272753" | "5282249" | "5319705" | "5337358" | "5428685" | "5481609" | "5509073" | "5526428" | "5534857" | "5553155" | "5559885" | "5602915" | "5629508" | "5666412" | "5742680" | "5748732" | "5757909" | "6035037" | "6104860").PN. OR ("6405369").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/30 13:40
S23	2643	(plurality OR multiple) near2 ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD) and (cable OR tv OR video) and (smart$1card OR "smart card" OR dongle OR IC $1card OR "IC card")	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:53
S24	57	S23 and chaining	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:54
S25	240	S23 and slave	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:54
S26	355	S23 NOT Network	US-PGPUB; USPAT	ADJ	ON	2008/09/30 13:56

S27	2090	S21 NOT S23	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:00
S28	83	S27 and chaining	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:00
S29	67	S27 and slave	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:00
S30	8	S28 and S29	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:21
S31	142	S28 OR S29	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:21
S32	360	Master adj2 ("set top" OR set$1top OR "cable box" OR cable $1box OR STB OR STU OR CAM OR IRD)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:24
S33	2	"6405369" NOT S22	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/30 14:34
S34	348	S26 NOT S24 NOT S25	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:43
S35	256	S34 NOT broadcast	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:44
S36	11829	("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD) and (television OR TV OR PPV) and (smart$1card OR "smart card" OR dongle OR IC$1card OR "IC card")	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:46
S37	2353	(plurality OR multiple) near2 ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD) and (television OR tv OR video OR PPV) and (smart$1card OR "smart card" OR dongle OR IC$1card OR "IC card")	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:47
S38	289	S37 NOT Network	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:47
S39	228	S37 and slave	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:47
S40	53	S37 and chaining	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:47

S41	283	S38 NOT S39 NOT S40	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:48
S42	179	S41 NOT broadcast NOT satellite	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:48
S43	4466	("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD) AND (television OR tv OR video OR PPV OR content distribution) AND (smart$1card OR "smart card" OR dongle OR IC$1card OR "IC card") AND (slave OR master)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:52
S44	194	(slave OR master) SAME ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD) SAME (smart $1card OR "smart card" OR dongle OR IC$1card OR "IC card") AND (television OR tv OR video OR PPV OR content distribution)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:53
S45	3708	("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD) AND (television OR tv OR video OR PPV OR content distribution) AND (smart$1card OR "smart card") AND (slave OR master)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:55
S46	12	S45 NOT broadcast$3 NOT Network NOT satellite NOT signal	US-PGPUB; USPAT	ADJ	ON	2008/09/30 14:55
S47	53	S45 AND ((slave ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD)) OR (slave (smart$1card OR "smart card")))	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:07
S48	30	S36 and slave (("set top" OR set$1top OR "cable box" OR cable $1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD) OR (smart$1card OR "smart card" OR dongle OR IC$1card OR "IC card")	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:12
S49	13544	(television OR TV OR PPV) and (smart$1card OR "smart card" OR dongle OR IC$1card OR "IC card")	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:13
S50	702	S49 and (slave OR slave (smart$1card OR "smart card" OR dongle OR IC$1card OR "IC card")) and @ay<"2006"	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:14
S51	203	S50 NOT print$3 NOT camera	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:16

S52	2360	(slave adj3 "set top" OR set$1top OR "cable box" OR cable $1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD)) AND (slave adj3 ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD))	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:27
S53	1149	(slave adj3 "set top" OR set$1top OR "cable box" OR cable $1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD)) AND (master adj3 ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD))	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:27
S54	1	"6904522".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:49
S55	4	(5861906|6904522|4633309|5748732).pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:51
S56	7	(6588017|5153580|5331353|5282028|5748732|6359661| 6405369).pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 15:58
S57	579	(master and slave).ti.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:00
S58	4	S57 and (S19 OR S14 OR S15 OR S16 OR S17 OR S18)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:01
S59	101	S57 and (380|713|726|725|709.clas.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:03
S60	74	S57 and "709".clas.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:03
S61	8	S57 and (smart$1card OR "smart card" OR "IC card" OR IC $1card)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:06
S62	1	S57 and "pay TV"	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:07
S63	444	"pay tv" and (smart$1card OR "smart card" OR "IC card" OR IC $1card)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:07
S64	73	"pay tv" and (smart$1card OR "smart card" OR "IC card" OR IC $1card) and (master OR slave)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:07

S65	27	"pay tv" and (smart$1card OR "smart card" OR "IC card" OR IC $1card) and slave	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:09
S66	6977	(slave OR distribut$4).ti. and (380|713|726|725|709.clas.)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:11
S67	971	S66 and (S19 OR S14 OR S15 OR S16 OR S17 OR S18)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:12
S68	535	S66 AND (smart$1card OR ic$1card OR "smart card" OR "IC Card" OR dongle)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:13
S69	182	S67 AND (smart$1card OR ic$1card OR "smart card" OR "IC Card" OR dongle)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:13
S70	907	((slave.ti.,ab.) OR (slave.ti,ab. AND distribut$4.ti,ab.)) and (380| 713|726|725|709.clas.)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:16
S71	42	S70 and (S19 OR S14 OR S15 OR S16 OR S17 OR S18)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:16
S72	84	(slave.ti,ab. AND slave) AND (smart$1card OR ic$1card OR "smart card" OR "IC Card" OR dongle)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:18
S73	78	(slave.ti,ab. AND master AND slave) AND (smart$1card OR ic $1card OR "smart card" OR "IC Card" OR dongle)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:19
S74	372	380/239.cdls.	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:27
S75	1002	(pay tv OR pay$1tv)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:42
S76	997	(pay tv)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:42
S78	368	(master same slave) ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR receiver OR converter OR STB OR STU OR CAM OR IRD)	US-PGPUB; USPAT	ADJ	ON	2008/09/30 16:58
S79	104583	((master and slave) OR (first and second)) adj2 ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR converter)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 11:05
S80	62834	S79 and @ay< "2004" NOT camera NOT print$3	US-PGPUB; USPAT	ADJ	ON	2008/10/01 11:06
S81	183	705/55.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 11:24

S82	664	725/25.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 11:28
S83	1285	725/131.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 11:30
S84	271	726/20.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 11:32
S85	77	709/210.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 12:02
S86	244	S79 and "same key"	US-PGPUB; USPAT	ADJ	ON	2008/10/01 13:37
S87	223	S80 and "705".clas.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:04
S88	545	S80 and "709".clas.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:04
S89	284	S80 and "725".clas.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:04
S90	566	S80 and "713".clas.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:04
S91	80	S80 and "726".clas.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:04
S92	296	S80 and "380".clas.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:05
S93	1711	S80 and 705|709|713|725|726|380.clas.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:05
S94	40	S80 and (S81 OR S82 OR S83 OR S84 OR S85)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:06
S95	3878	S80 and chain$3	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:14
S96	515	((master and slave) adj2 "set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder OR converter)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:15
S97	325	S96 and @ay< "2004"	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:22
S98	446	((master and slave) adj2 "set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:23

S99	274	S98 and @ay<"2004"	US-PGPUB; USPAT	ADJ	ON	2008/10/01 15:23
S100	19	("4450481" | "4475123" | "4520508" | "4530008" | "4574305"). PN. OR ("4633309").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/01 15:36
S101	1	"4,856,787".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/01 16:16
S102	18	("4484027" | "4633309" | "5461675" | "5509073" | "5563948"). PN. OR ("5748732").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/01 16:18
S103	11	("5318450" | "5574964" | "5610916" | "5654751" | "5754651" | "5828403" | "5920801" | "6069621" | "6188397" | "6202211").PN. OR ("6588017").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/01 16:43
S104	88	(parent and child) adj2 ("set top" OR set$1top OR "cable box" OR cable$1box OR Terminal OR decoder)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 16:50
S105	54	S104 and @ay<"2004"	US-PGPUB; USPAT	ADJ	ON	2008/10/01 16:50
S107	6	(6588017|6118873|5878141|6418558|6904522|6957344).pn.	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:09
S108	5784	master and slave and subscri$5	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:11
S109	3836	S108 and @ay<"2004"	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:11
S110	2335	S109 NOT print$3 NOT camera	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:13
S111	0	(master and slave and 705|709|713|725|726|380.ccls.)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:14
S112	5988	(master and slave and 705|709|713|725|726|380.clas.)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:14
S113	4376	S112 and @ay<"2004"	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:14
S114	2615	S113 NOT camera NOT print$3	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:15
S115	420	S110 and S112	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:15

S116	409	S115 NOT S104 NOT S105 NOT S103 NOT S102 NOT S99	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:18
S117	6068	master and slave and (TV OR television OR PPV)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:23
S118	3890	S117 and @ay<"2004"	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:24
S119	5464	(master same slave) and (TV OR television OR PPV)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:27
S120	3499	S119 and @ay<"2004"	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:27
S121	1978	S120 NOT (cell OR cellular)	US-PGPUB; USPAT	ADJ	ON	2008/10/01 17:32
S122	928	713/170.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:32
S123	227	S122 and symmetric	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:32
S124	25190	variable frequency	US-PGPUB; USPAT	ADJ	ON	2008/10/06 09:41
S125	79	S124 and smart card	US-PGPUB; USPAT	ADJ	ON	2008/10/06 09:41
S126	3422	symmetric and smart card	US-PGPUB; USPAT	ADJ	ON	2008/10/06 09:43
S127	3	S126 and S124	US-PGPUB; USPAT	ADJ	ON	2008/10/06 09:43
S128	100	S126 and EMM	US-PGPUB; USPAT	ADJ	ON	2008/10/06 09:44
S129	43	((first and second) OR (master and slave)) EMM	US-PGPUB; USPAT	ADJ	ON	2008/10/06 09:58
S130	58	howard same pinder	US-PGPUB; USPAT	ADJ	ON	2008/10/06 11:15
S131	78	S128 NOT S130	US-PGPUB; USPAT	ADJ	ON	2008/10/06 11:20
S132	6251	(ECM OR EMM) and (terminals OR DHCT OR DHCTSE OR DFICTS)	US-PGPUB; USPAT	ADJ	ON	2008/10/06 11:45

S133	101	S132 and slave	US-PGPUB; USPAT	ADJ	ON	2008/10/06 11:45
S134	104	EMM and CATV	US-PGPUB; USPAT	ADJ	ON	2008/10/06 11:50
S135	6	S134 and slave	US-PGPUB; USPAT	ADJ	ON	2008/10/06 11:53
S136	17	slave adj2 (DHCT OR set$1top OR "set top")	US-PGPUB; USPAT	ADJ	ON	2008/10/06 12:06
S137	15327	(EMM OR entitle$4) and slave	US-PGPUB; USPAT	ADJ	ON	2008/10/06 12:07
S138	324	S137 and (CATV OR Pay$1tv OR Pay TV OR PPV)	US-PGPUB; USPAT	ADJ	ON	2008/10/06 12:08
S139	58	(EMM OR entitle$4 manage$4 message) and slave	US-PGPUB; USPAT	ADJ	ON	2008/10/06 12:30
S140	159	entitle$4 manage$4 message near4 key	US-PGPUB; USPAT	ADJ	ON	2008/10/06 12:31
S141	176	conditional access and slave	US-PGPUB; USPAT	ADJ	ON	2008/10/06 12:33
S142	4	(6771657|5627892|6363149|5613012).pn.	US-PGPUB; USPAT	ADJ	ON	2008/10/06 12:58
S143	3	conditional access and master terminal	US-PGPUB; USPAT	ADJ	ON	2008/10/06 14:02
S145	56384	((first and second) OR (master and slave)) and (PPV OR Pay TV OR CATV OR set$1top OR set top OR DHCT)	US-PGPUB; USPAT	ADJ	ON	2008/10/06 15:22
S146	2507	S145 and (conditional access)	US-PGPUB; USPAT	ADJ	ON	2008/10/06 15:22
S147	580	S145 and (EMM OR Entitle$4 Manage$4 Message)	US-PGPUB; USPAT	ADJ	ON	2008/10/06 15:23
S148	462	S146 and S147	US-PGPUB; USPAT	ADJ	ON	2008/10/06 15:23
S149	1963	((master and slave)) and (PPV OR Pay TV OR CATV OR set $1top OR set top OR DHCT)	US-PGPUB; USPAT	ADJ	ON	2008/10/06 15:24
S150	101	S149 and conditional access	US-PGPUB; USPAT	ADJ	ON	2008/10/06 15:24

S151	20	S149 and (EMM or Entitle$4 Manage$4 Message)	US-PGPUB; USPAT	ADJ	ON	2008/10/06 15:24
S152	143	multiple or plurality) (EMM OR ECM OR Entitle$4 Manage$4 message)	US-PGPUB; USPAT	ADJ	ON	2008/10/07 08:15
S153	17	"5748732"	US-PGPUB; USPAT	ADJ	ON	2008/10/07 08:33
S154	18	("4484027" | "4633309" | "5461675" | "5509073" | "5563948"). PN. OR ("5748732").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/07 08:34
S155	4	S153 NOT S154	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/07 08:34
S156	15	(US-20030097563-$ or US-20020051539-$ or US-20020076050-$ or US-20030023853-$).did. or (US-5797470-$ or US-6904522-$ or US-4980912-$ or US-4680583-$ or US-6157719-$ or US-6105134-$ or US-6252964-$ or US-5847751-$ or US-6298400-$ or US-7039955-$ or US-7039169-$).did.	US-PGPUB; USPAT	ADJ	ON	2008/10/07 11:35
S157	9	S156 and terminal	US-PGPUB; USPAT	ADJ	ON	2008/10/07 11:35

10/10/2008 9:32:49 AM
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